

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/EP2004/051286

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 D06N3/08 D06N7/00 B29C59/04 B29C59/16 B32B31/00
 B32B3/30 B32B5/20 B32B27/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 D06N B29C B32B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 491 616 A (SCHMIDLE CLAUDE J ET AL) 1 January 1985 (1985-01-01) column 3, line 10 - column 4, line 8; claims; figures 1-3	1,21,22
A	US 4 608 294 A (COURTOY JEAN-FRANCOIS ET AL) 26 August 1986 (1986-08-26) claims; figures 1-6; example 1	1,21,22
A	US 4 298 646 A (HAEMER LAURENCE F ET AL) 3 November 1981 (1981-11-03) cited in the application column 1, line 48 - line 59 column 3, line 11 - column 11, line 29; claims; figures	1,21,22

-/--



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

22 October 2004

Date of mailing of the international search report

02/11/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax: (+31-70) 340-3016

Authorized officer

Kanetakis, I

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/051286

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2001/002293 A1 (BURNS ALONZO M ET AL) 31 May 2001 (2001-05-31) paragraph '0051!; claims -----	1,21,22
P,X	WO 03/057458 A (DOMCO TARKETT INC) 17 July 2003 (2003-07-17) the whole document -----	1,21,22

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/EP2004/051286

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4491616	A	01-01-1985	NONE	
US 4608294	A	26-08-1986	LU 84765 A1	28-11-1984
			LU 84957 A1	24-04-1985
			AT 28761 T	15-08-1987
			BE 899486 A1	16-08-1984
			CA 1251764 A1	28-03-1989
			DE 3465208 D1	10-09-1987
			DK 206884 A	26-10-1984
			EP 0123308 A1	31-10-1984
			ES 8503574 A1	16-06-1985
			FR 2544635 A1	26-10-1984
			GR 81939 A1	12-12-1984
			IE 55251 B1	18-07-1990
			IT 1209533 B	30-08-1989
			JP 1828917 C	15-03-1994
			JP 5036232 B	28-05-1993
			JP 59207240 A	24-11-1984
			NO 841604 A ,B,	26-10-1984
			PT 78481 A ,B	01-05-1984
			US RE33599 E	28-05-1991
			AT 28910 T	15-08-1987
			CA 1251763 A1	28-03-1989
			DE 3465354 D1	17-09-1987
			DK 206984 A	26-10-1984
			EP 0126314 A1	28-11-1984
			ES 8503573 A1	16-06-1985
			FR 2544634 A1	26-10-1984
			GR 81940 A1	12-12-1984
			IE 55252 B1	18-07-1990
			IT 1209535 B	30-08-1989
			JP 1898622 C	23-01-1995
			JP 6015233 B	02-03-1994
			JP 59204983 A	20-11-1984
			NO 841605 A ,B,	26-10-1984
			PT 78482 A ,B	01-05-1984
			US RE33069 E	26-09-1989
			US 4617222 A	14-10-1986
US 4298646	A	03-11-1981	CA 1153935 A1	20-09-1983
US 2001002293	A1	31-05-2001	US 5961903 A	05-10-1999
			AU 1939899 A	12-07-2000
			WO 0037186 A1	29-06-2000
			US 6228463 B1	08-05-2001
			US 6114008 A	05-09-2000
			US 2001028945 A1	11-10-2001
WO 03057458	A	17-07-2003	US 2003138618 A1	24-07-2003
			US 2003138617 A1	24-07-2003
			WO 03057458 A2	17-07-2003
			CA 2473028 A1	17-07-2003
			CZ 20040790 A3	13-10-2004
			EP 1463640 A2	06-10-2004